Drought Monitoring Technical Committee Update

to the

Arizona Interagency Coordinating Group

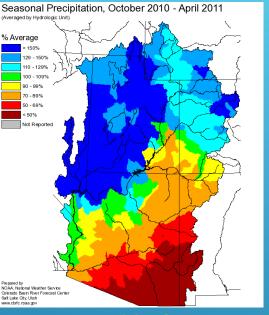
May 9, 2017

Nancy J. Selover
Arizona State Climate Office

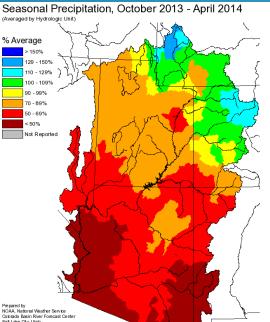


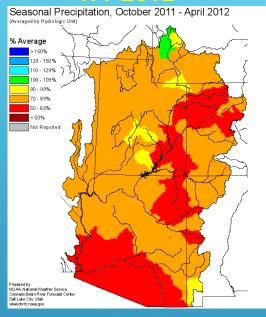


Precipitation Comparison Colorado River Basin

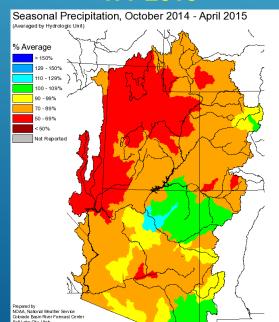


WY 2014

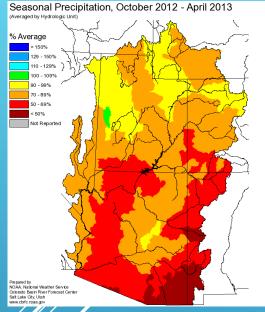




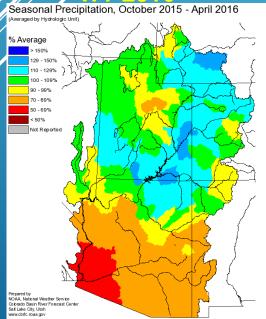
WY 2015



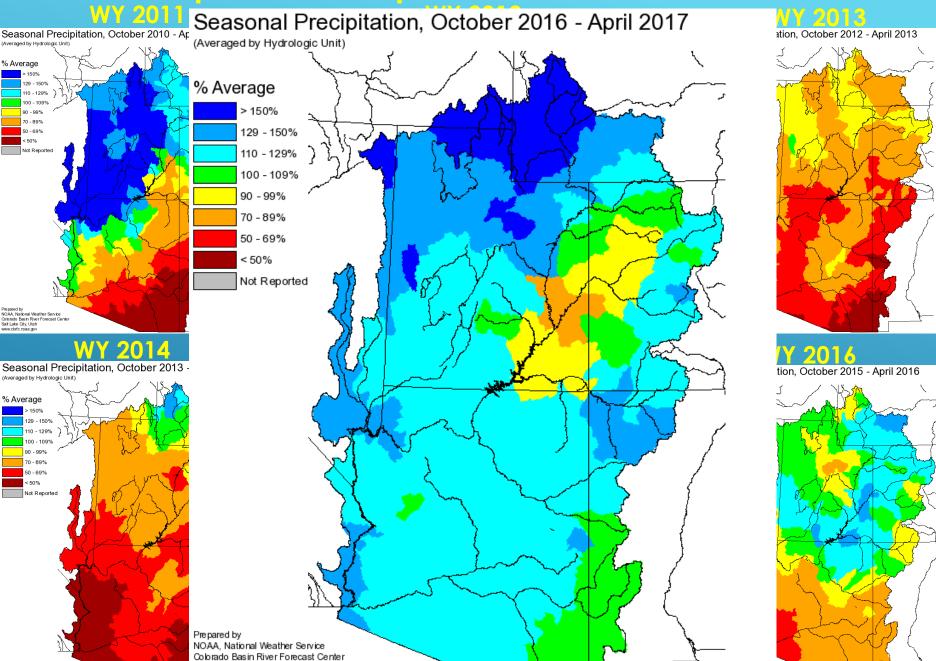
WY 2013



WY 2016



Precipitation Comparison Colorado River Basin

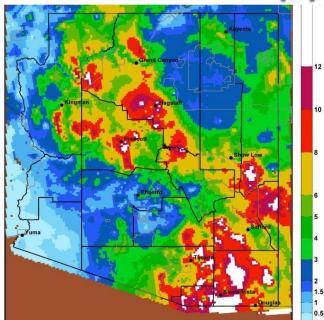


Prepared by NOAA, National Weather Service Colorado Basin River Forecast Center Salt Lake City, Utah

Precipitation Percent of Average

Monsoon 2016

Total Monsoon Rainfall (in)



Man produced using daily total precipitation estimates from the NOAA National weap produced using daily usua precipitation estimates from the NOAA National Weather Service Advanced Hydrologic Prediction Service (AHPS). Data information available at http://water.weather.gov/precip/about.php. Date created: 01-Oct-2016 University of Arizona - http://cals.arizona.edu/climate/

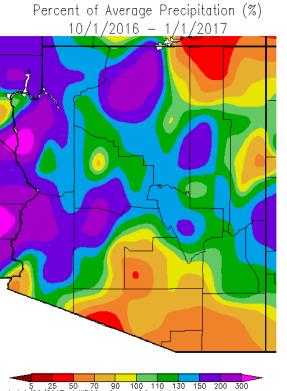








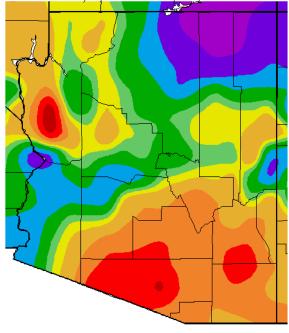
Oct-Dec 2016



5 25 50 70 90 100 110 130 150 200 300 Generated 1/02/2017 at WRCC using provisional data. NOAA Regional Climate Centers

Jan-Apr 2017

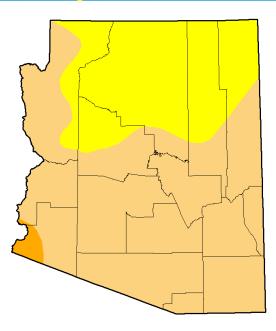
Percent of Average Precipitation (%) 1/1/2017 - 4/30/2017



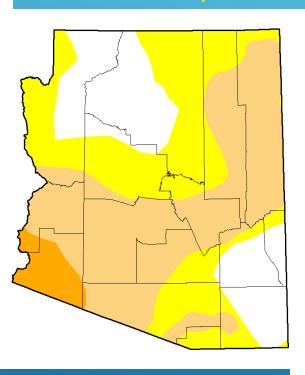
5 25 50 70 90 100 110 130 150 200 300 Generated 5/01/2017 at WRCC using provisional data. NOAA Regional Climate Centers

National Drought Monitor Comparison (Short-Term)

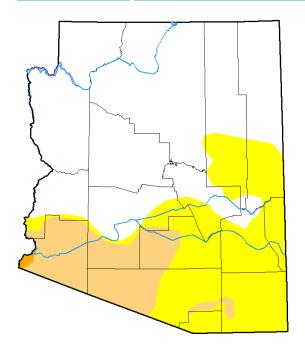
May 3, 2016



November 1, 2016



May 2, 2017

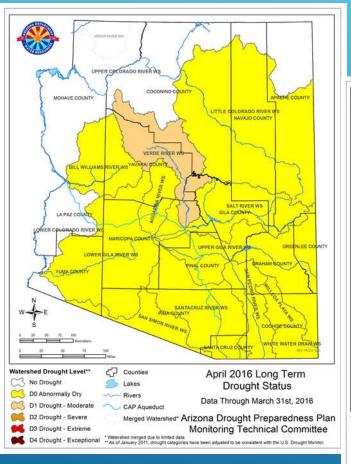


National Drought Monitor Comparison (Short-Term) Percent of State in Drought

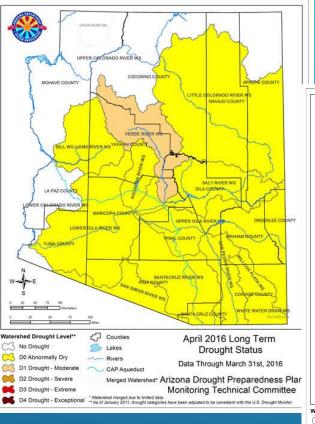
Category	May 3, 2016	Nov 1, 2016	May 2, 2017
No Drought	0%	23%	59%
Abnormally Dry	32%	28%	28%
Moderate Drought	65%	41%	13%
Severe Drought	1%	4%	0.5%
Extreme Drought	0%	0%	0%
Exceptional Drought	0%	0%	0%////

Long Term Drought Status Comparison

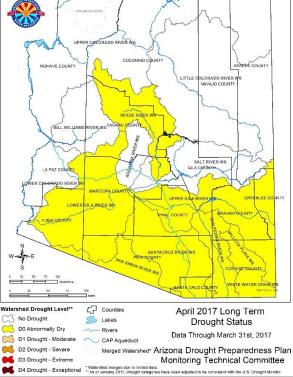
April 2016



October 2016



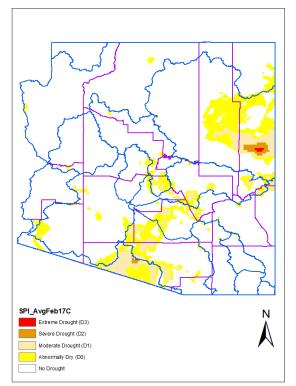
April 2017



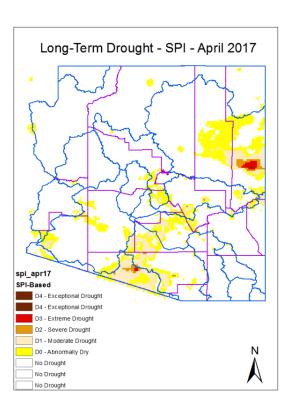
Long Term Drought Status - Gridded SPI

February 2017

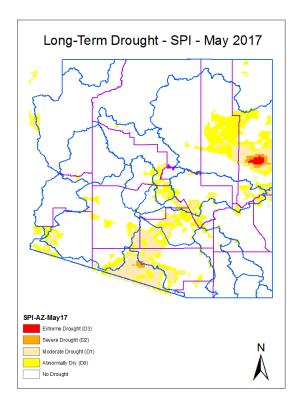
Long-term Drought - SPI - February 2017



March 2017



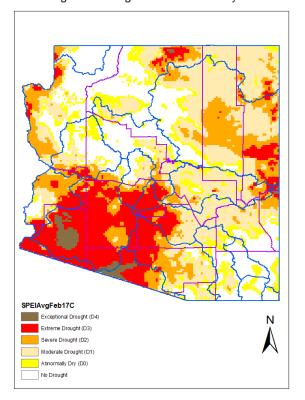
April 2017



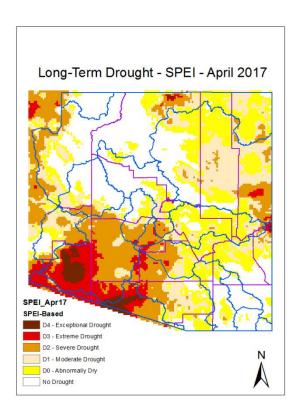
Long Term Drought Status - Gridded SPEI

February 2017

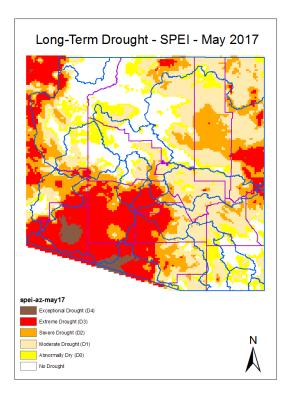
Long-term Drought - SPEI - February 2017



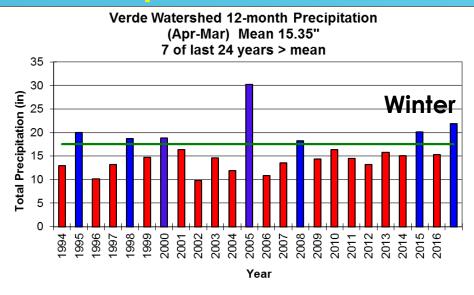
March 2017

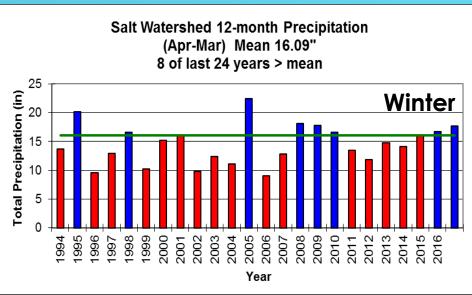


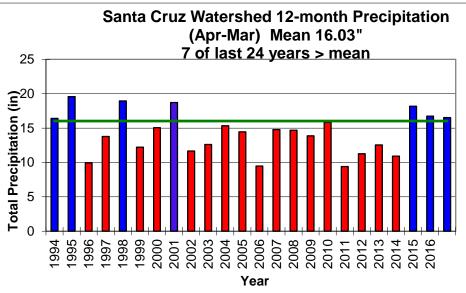
April 2017

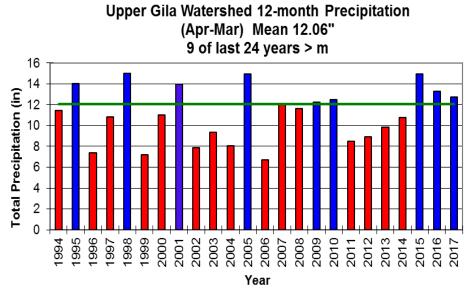


Precipitation in Selected Watersheds for Past 23 Years



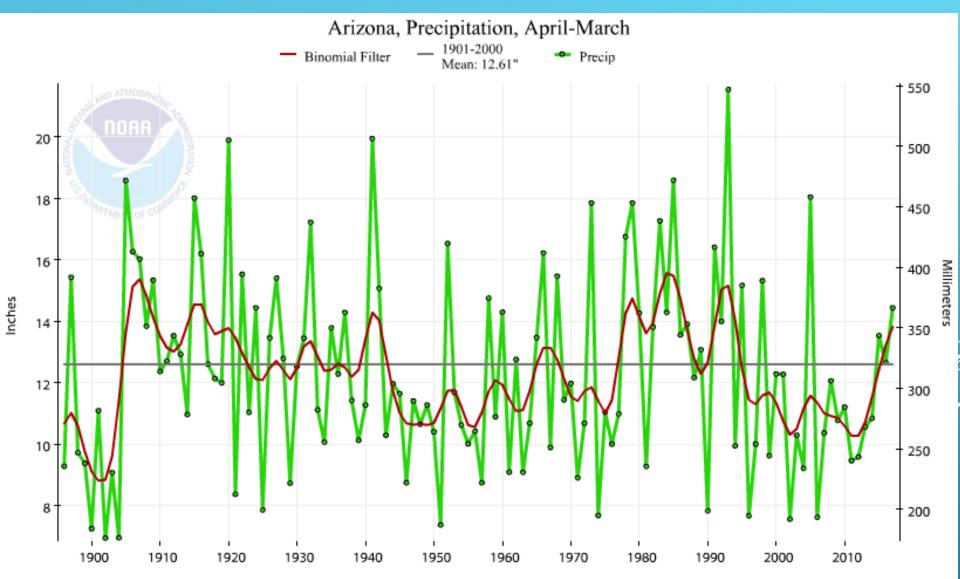


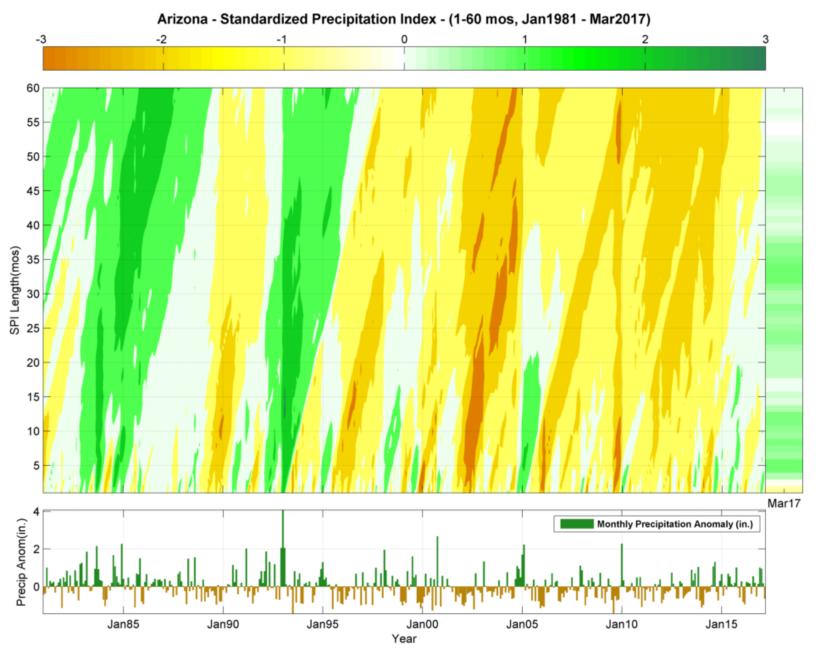




Monsoon Monsoon

Long-Term Statewide Precipitation







Questions?

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